

PTO/SB/08A (08-00)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/001,412	
			Filing Date	October 25, 2001	
			First Named Inventor	Patrick C. Herbert	
			Group Art Unit	--	
			Examiner Name	--	
Sheet	1	of	4	Attorney Docket Number	110003.97478

U.S. PATENT DOCUMENTS						
Examiner Initials ^a	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
VN		3,886,447		Tanaka	05-27-1975	
		4,560,953		Bozio	12-24-1985	
		5,012,207		Edwards	4-30-1991	
		5,025,346		Tang, et al.	06-18-1991	
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		5,243,861		Kloeck, et al.	09-14-1993	
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		5,359,893		Dunn	11-01-1994	
		5,413,668		Aslam, et al.	05-09-1995	
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		5,424,650		Frick	06-13-1995	
		5,536,988		Zhang, et al.	07-16-1996	
		5,563,343		Shaw, et al.	10-08-1996	
		5,572,057		Yamamoto, et al.	11-05-1996	
		5,585,311		Ko	12-17-1996	
		5,600,190		Zettler	02-04-1997	
		5,646,432		Iwaki, et al.	07-08-1997	
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		5,798,283		Montague, et al.	08-25-1998	
		5,815,051		Hamasaki, et al.	09-29-1998	

[illegible]

Examiner Signature	<i>mtk Ngene</i>	Date Considered	05/27/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet	2	of	4	Attorney Docket Number	110003.97478

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
VN		5,877,038		Coldren, et al.	03-02-1999	
		5,920,978		Koshikawa, et al.	07-13-1999	
		5,943,155		Goossen	08-24-1999	
		5,959,516		Chang, et al.	09-28-1999	
		5,995,688		Aksyuk, et al.	11-30-1999	
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		6,373,682		Goodwin-Johansson	04-16-2002	
		6,384,353		Huang, et al.	05-07-2002	

[illegible]

Examiner Signature	<i>Mark Nguyen</i>	Date Considered	05/27/04
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			Application Number	10/001,412	
			Filing Date	October 25, 2001	
			First Named Inventor	Patrick C. Herbert	
			Group Art Unit	—	
			Examiner Name		
Sheet	1	of	4	Attorney Docket Number	110003.97478

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Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	KIND CODE ² (If known)			
W		5,578,976		Yao	11/26/1996	
		5,761,350		Koh	6/2/1998	
		5,783,340		Farino et al.	7/21/1998	
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		6,100,477		Randall et al.	8/8/2000	
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		6,232,841		Bartlett et al.	5/15/2001	
		6,232,847		Marcy, 5th et al.	5/15/2001	

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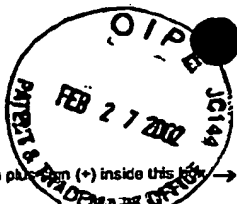
Examiner Signature	<i>Smith</i>	Date Considered	09/12/03
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Substitute for form 1449B/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/001,412		
		Filing Date	October 25, 2001		
		First Named Inventor	Patrick C. Herbert		
		Group Art Unit	-		
		Examiner Name			
Sheet	2	of	4	Attorney Docket Number	110003.97478

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
WN	1	Toumazou, C. et al., n-step Charge Injection Cancellation Scheme for Very Accurate Switched Current Circuits, Electronic Letters, V.30 (9) 680-681: 1994.	
	2	Emmerich, H., et al., A Novel Micromachined Magnetic-Field Sensor, MEMS 99 IEEE Conference, January 17-21, 1999, IEEE Catalog No. 99ch36291c.	
	3	Madou, Marc, Fundamentals of Microfabrication, Chapters 2-4, CRC Press LLC, Boca Raton, FL: 1997.	
	4	Kovacs, Gregory T.A., Micromachined Transducers Sourcebook, Table of Contents, pp. 77-119 and Index, WCB McGraw-Hill, U.S.A.: 1998.	
	5	Teegarden, Darrell et al., How to Model and Simulate Microgyroscope Systems, IEEE Spectrum, 66-75, July 1998.	
	6	Emmerich, Harald et al., Magnetic Field Measurements with a Novel Surface Micromachined Magnetic-Field Sensor, IEEE Transactions on Electron Devices, V. 47 (5) 972-977, May 2000.	
	7	McGruer, N.E. et al., Electrostatically Actuated Microswitches; Scaling Properties, Solid-State Sensor and Actuator Workshop, Hilton Head Island, South Carolina, June 8-11, 1998, pp.132-135.	
	8	Miyajima, Hiroshi et al., High-Aspect-Ratio Photolithography for MEMS Applications, J. of Microelectromechanical Sys., V.4(4) 220-229, Dec. 1995.	
	9	Lu, Crist et al., A Monolithic Surface Micromachined Accelerometer with Digital Output, IEEE J. of Solid State Circuits, V. 30 (12) 1367-1373, Dec. 1995.	
	10	Chen, Ming-Jer et al., Weak Inversion Charge Injection in Analog MOS Switches, IEEE J. of Solid-State Circuits, V. 30 (5) 604-606, May 1995.	
	11	Lemkin, Mark A. et al., A Fully Differential Lateral S ² Accelerometer with Drift Cancellation Circuitry, Solid-State Sensor and Actuator Workshop, Hilton Head, South Carolina, June 2-6, 1996, pp. 90-93.	

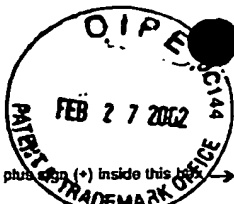
Examiner Signature	<i>Mark Nguyen</i>	Date Considered	09/12/03
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		Filing Date	October 25, 2001
		First Named Inventor	Patrick C. Herbert
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		Examiner Name	
Sheet 4	of 4	Attorney Docket Number	110003.97478

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS ¹			
Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
VN	1	U.S. Patent Application No.: 09/406,654, filed on September 27, 1999. (US PAT No. 6,463,339)	
VN	2	U.S. Patent Application No.: 09/400,125, filed on September 21, 1999. (US. Pat No. 6,417,743)	
VN	3	U.S. Patent Application No.: 09/406,509, filed on September 28, 1999. (U.S. PAT No. 6,348,788)	
VN	4	U.S. Patent Application No.: 09/955,493, filed on September 18, 2001. (U.S. PAT No. 6,504,356)	
VN	5	U. S. Patent Application No.: 09/955,494, filed on September 18, 2001. (PAT No. 6,466,005)	
VN	6	U.S. Patent Application No.: 09/675,861, filed on September 29, 2000. (Pat No. 6,411,214)	

Examiner Signature	<i>mt Nguyen</i>	Date Considered	09/12/03
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